

Hemolyzer® 3 Pro



لاب ماركت

- مستلزمات معملية
- كيموويات
- أجهزة
- صيانة

LAB Market

01210312346
01016163354

A step further in
3-part differential
hematology

بنها - عمارة ٢ غرب الاستاد - بجوار كنتاكي - خلف نقابة الاطباء ومطعم الرشيدى



The Hemolyzer[®] 3 Pro

takes the 3 part WBC differential a step further. The compact high quality solution provides results within 45 seconds. Built on reliable and accurate impedance and photometric technology, the system is designed to be operated with minimal maintenance and being easy-to-use. The sophisticated multilingual operator software is featured on a full color LCD touch-screen, which guides the user through the intuitive menu.

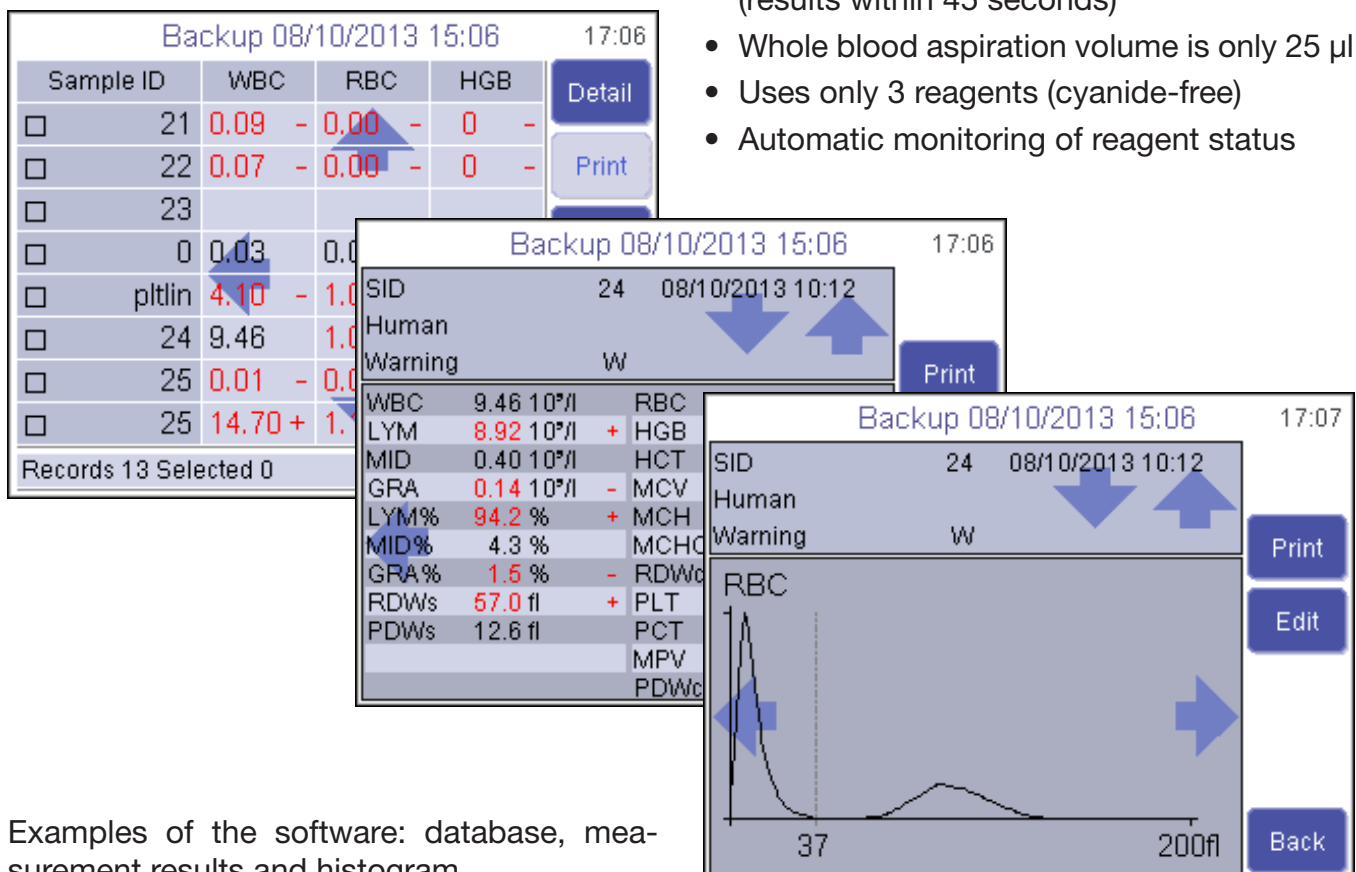
The Hemolyzer[®] 3 Pro provides a 20-parameter cell blood count including a 3-part WBC differential at a throughput of 80 samples per hour. The Hemolyzer[®] 3 Pro is the perfect fit to the needs in laboratories, clinics and doctor's offices.

Reliable and accurate

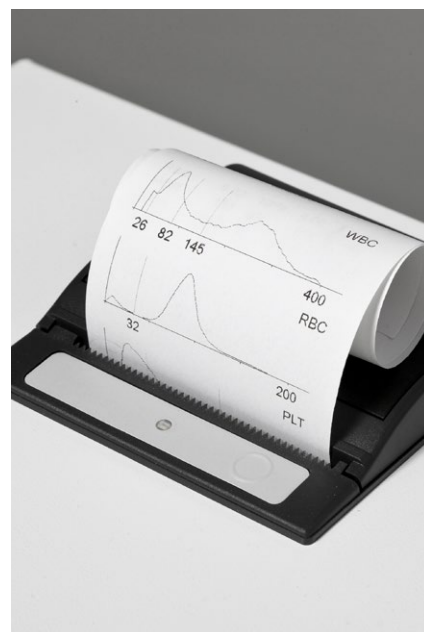
- The high resolution color LCD touch-screen allows easy monitoring of the results with 3 large and clearly interpretable histograms.
- Up to 10,000 results, including histograms, are stored in the database
- Full quality control management system including Levey-Jennings diagrams
- Minimal maintenance due to a reliable system that enables a self diagnostic function
- Automatic cleaning of the fluidic systems from dust particles with every start-up
- Automatic clogging prevention of the apertures by applying high voltage pulses after each measuring cycle

Efficient and affordable

- Intelligent and solid design provides maximum value at low running costs
- High throughput of 80 samples per hour (results within 45 seconds)
- Whole blood aspiration volume is only 25 µl
- Uses only 3 reagents (cyanide-free)
- Automatic monitoring of reagent status



Examples of the software: database, measurement results and histogram



Easy-to-use and agile

- Minimal footprint saves precious laboratory and bench space
- Robust system requires minimal maintenance
- The sample is aspirated inside the analyzer, which guarantees maximal hygiene by practically excluding the risk of injuries and infectious diseases for the user
- Easy to use user interface on a large color, high contrast LCD touchscreen
- Optional external bar code reader minimizes data entry error and enables rapid data processing. In addition also the QC values are available to be entered by barcode reader
- Built-in thermal printer. Optional an external printer (HP printer) can be connected
- The instrument can be interfaced with a host computer via USB B



Technical Specifications

Parameters	22 parameters, including 3-part WBC differential: WBC, LYM#, MID#, GRA#, LYM%, MID%, GRA%, RBC, MCV, HCT, HGB, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PCT, PDW-CV, PDW-SD and research parameters: P-LCC + P-LCR
Measuring principle	Impedance method and LED based photometry
Measuring	2 chambers, aperture diameter: 70 µm (RBC/PLT) and 100 µm (WBC)
Throughput	80 tests/hour
Sample volume	25 µl of whole blood; 50 µl in pre-diluted mode
Sampling method	Open tube
Sample profiles	Human, male, female, child, toddler, baby
Reagents	Isotonic Diluent, Lyse, Cleaner
Cleaning	High voltage pulses on aperture, high pressure back-flush and chemical cleaning of the aperture using Hemolyzer-Hypocleaner
Calibration	Manual or automatic
Quality Control	6 QC lots, Levey-Jennings charts
User interface	Easy-to-use, menu driven user interface on a large color LCD touchscreen
User languages	Multilingual user interface
Data storage capacity	Max. 10,000 records including histograms
Printout	"Easy Paper Operation" thermal printer, 56 mm wide roll paper (optional)
Interfacing capabilities	USB B (Host computer, barcode reader, keyboard, external printer, software updates and data back-up)
User Management	Multi-user mode
Size (WxDxH)	320 × 260 × 365 mm
Weight	12 kg
Operating environment	Temperature: 15 °C–30 °C. Relative humidity: max 85% (non-condensing)

Consumables

All reagents are cyanide-free and have extended shelf life.

Reagents	Name	Art.-No.	Pack Size
Isotonic Diluent	Hemolyzer-Diluent	HE3201	20 L
Hemolyzing Agent	Hemolyzer-3-Lyser	HE3101*	1 L
Cleaner	Hemolyzer-3-Cleaner	HE3301 / HE3302	1 L / 5 L

*contains reagent lock key

Contr./Calibr./Cleaner	Name	Art.-No.	Pack Size
Control	Hemolyzer-3-Control Set (3 Level)	HE3502	2 x 3 x 3 ml
Control / Calibrator	Hemolyzer-3-Control Normal (1 Level)	HE3503	6 x 3 ml
Cleaner (external)	Hemolyzer-Hypocleaner	HE3401	100 ml

available for sale in the U.S.



LAB Market

لاب ماركت

- مستلزمات معملية
- كيمائيات
- أجهزة
- صيانة

01210312346
01016163354

بناها - عمارة ٢ غرب الاستاد - بجوار كنتاكي - خلف نقابة الاطباء ومطعم الرشيدى